

BG

XP-002241030

AN - 2001-127350 [14]

AP - JP19990098971 19990406

CPY - SHIH

DC - A13 A14 A25 A97 G02 G05 P75

FS - CPI;GMPI

IC - B41J2/01 ; B41M5/00 ; C09D11/00

MC - A12-W07D G02-A04A G05-F03

PA - (SHIH) SEIKO EPSON CORP

PN - JP2000290553 A 20001017 DW200114 C09D11/00 008pp

PR - JP19990098971 19990406

XA - C2001-037383

XIC - B41J-002/01 ; B41M-005/00 ; C09D-011/00

XR - 2001-127330

XP - N2001-093983

AB - JP2000290553 NOVELTY - An ink composition (P1) contains a pigment (A), water (B), a water-soluble organic solvent (C) and resin emulsion particles (D). The particles (D) contain at least a structure (D1) derived from a hydrophobic monomer (D1-a) and a structure (D2) derived from a hydrophilic monomer (D2-a). The (D1)/(D2) weight ratio is 100/0.01-5.

- DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:

- (a) a recording method (M1), in which recording is conducted by attaching (P1) on the surface of a recording substrate;

- (b) an ink jet recording method (M2), in which recording is conducted by attaching discharged ink droplets of (P1) on the surface of a recording substrate; and

- (c) a printed material (P2) recorded by means of either (M1) or (M2).

- USE - The ink is used for ink-jet recording.

- ADVANTAGE - The ink has good storage stability, discharge stability and stability to clogging.

- (Dwg.0/0)

IW - INK COMPOSITION INK JET RECORD CONTAIN PIGMENT WATER WATER SOLUBLE ORGANIC SOLVENT SPECIFIED RESIN EMULSION PARTICLE

IKW - INK COMPOSITION INK JET RECORD CONTAIN PIGMENT WATER WATER SOLUBLE ORGANIC SOLVENT SPECIFIED RESIN EMULSION PARTICLE

NC - 001

OPD - 1999-04-06

ORD - 2000-10-17

PAW - (SHIH) SEIKO EPSON CORP

TI - Ink composition for ink jet recording, contains pigment, water, water-soluble organic solvent and specified resin emulsion particles

A01 - [001] 018 ; G0022-R D01 D51 D53 D10-R D13-R D18-R ; G0817-R D01 D51

D54 D10-R D13-R D18-R ; G0975-R D01 D51 D55 D10-R D13-R D18-R ;

G0022-R D01 D51 D53 D60 D61-R F34 F07-R F53 F60 F62 F35-R F26-R F70-R

H0204 ; G0817-R D01 D51 D54 D60 D61-R F07-R F26-R F34 F35-R F53 F60

F70-R H0204 ; G0975-R D01 D51 D55 D60 D61-R F07-R F26-R F34 F35-R F53

F60 F70-R H0204 ; H0011-R ; S9999 S1025 S1014 ; S9999 S1456-R ;

S9999 S1478-R S1456

- [002] 018 ; ND01 ; Q9999 Q8786 Q8775 ; Q9999 Q8797 Q8775 ; B9999

B3532 B3372 ; B9999 B4568-R ; B9999 B4706-R B4568 ; B9999 B4626

B4568

- [003] 018 ; B9999 B3509 B3485 B3372 ; B9999 B3407 B3383 B3372 ;
B9999 B5209 B5185 B4740
- [004] 018 ; A999 A635 A624 A566 ; A999 A646 A624 A566
A02 - [001] 018 ; R00708 G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53
D58 D76 D88 ; G0260-R G0022 D01 D12 D10 D26 D51 D53 D58 ; A999 A635
A624 A566 ; A999 A646 A624 A566 ; A999 A782 ; H0011-R ; P1741 ;
P0088
- [002] 018 ; ND01 ; Q9999 Q8786 Q8775 ; Q9999 Q8797 Q8775 ; B9999
B3532 B3372 ; B9999 B4568-R ; B9999 B4706-R B4568 ; B9999 B4626
B4568
- [003] 018 ; Q9999 Q9110
A03 - [001] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; H0191
; P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ; P0055 ; H0000 ;
M9999 M2153-R ; M9999 M2813